Amendments to the Specification

Please replace paragraph [0030] with the following amended paragraph:

[0030] Fig. 6 is a diagram showing a dual flat-face half-cell 50 in accordance with one embodiment of this invention where the hydrogen generation and oxygen evolution occur side-by-side on a flat surface. The apparatus as shown comprises a housing or enclosure 51 having at least one light transmissive wall 52 and enclosing side-by-side photoanodes 54 and photocathodes 53. Housing 51 includes an electrolyte inlet opening 57 and ~~hydrogen and~~ oxygen and hydrogen outlets 55 and 56, respectively. Photoanode 54 and photocathode ~~54~~ 53 are separated by an electrode separator 58. In operation, hydrogen and oxygen are formed at the surfaces of the photoelectrodes facing the at least one light transmissive wall ~~58~~ 52 and are exhausted through ~~hydrogen and~~ oxygen and hydrogen outlets 55 and 56, respectively. It will be apparent that, because there is no electrolyte present in the space between light transmissive wall 52 and the photoelectrodes 53, 54, the hydrogen and oxygen gases generated at the photoelectrode surfaces are not impeded in leaving the housing.